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**RAW SEQUENCE LISTING**  
PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002  
TIME: 16:19:57

Input Set : A:\EP.txt  
Output Set: N:\CRF3\03252002\I887145.raw

**SEQUENCE LISTING**

- 1 (1) GENERAL INFORMATION:  
 2     (i) APPLICANT: Kim, Seung U  
 3     (ii) TITLE OF INVENTION: Immortalized human microglia  
     cell and continuous cell line  
 4  
 5     (iii) NUMBER OF SEQUENCES: 54  
 6     (iv) CORRESPONDENCE ADDRESS:  
 7         (A) ADDRESSEE: David Prashker, Esq.  
 8         (B) STREET: P.O. Box 5387  
 9         (C) CITY: Magnolia  
 10         (D) STATE: Massachusetts  
 11         (E) COUNTRY: USA  
 12         (F) ZIP: 01930  
 13     (v) COMPUTER READABLE FORM:  
 14         (A) MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage  
 15         (B) COMPUTER: Dell PC  
 16         (C) OPERATING SYSTEM: MS DOS  
 17         (D) SOFTWARE: Microsoft Word version 97  
 18     (vi) CURRENT APPLICATION DATA:  
 C--> 19         (A) APPLICATION NUMBER: US/09/887,145  
 C--> 20         (B) FILING DATE: 22-Jun-2001  
 21         (C) CLASSIFICATION: Unknown  
 22     (viii) ATTORNEY/AGENT INFORMATION:  
 23         (A) NAME: David Prashker, Esq.  
 24         (B) REGISTRATION NUMBER: 29,693  
 25         (C) REFERENCE/DOCKET NUMBER: UBC-002  
 26     (ix) TELECOMMUNICATION INFORMATION:  
 27         (A) TELEPHONE: (978) 525-3794  
 28 (2) INFORMATION FOR SEQ ID NO: 1:  
 29     (i) SEQUENCE CHARACTERISTICS:  
 30         (A) LENGTH: 25 base pairs  
 31         (B) TYPE: nucleic acid  
 32         (C) STRANDEDNESS: single  
 33         (D) TOPOLOGY: linear  
 34     (ii) MOLECULE TYPE: peptide  
 35     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 37 AGATTCGAGT CATGTACACA ACCCA  
 39 (2) INFORMATION FOR SEQ ID NO: 2:  
 40     (i) SEQUENCE CHARACTERISTICS:  
 41         (A) LENGTH: 20 base pairs  
 42         (B) TYPE: nucleic acid  
 43         (C) STRANDEDNESS: single  
 44         (D) TOPOLOGY: linear

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45      (ii) MOLECULE TYPE: peptide
46      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
48 GGTGCTTGG AATCTCGAAG
50 (2) INFORMATION FOR SEQ ID NO: 3:
51      (i) SEQUENCE CHARACTERISTICS:
52          (A) LENGTH: 23 base pairs
53          (B) TYPE: nucleic acid
54          (C) STRANDEDNESS: single
55          (D) TOPOLOGY: linear
56      (ii) MOLECULE TYPE: peptide
57      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
59 TGTGGTGTAC CCCCTCAAGT CCC
61 (2) INFORMATION FOR SEQ ID NO: 4:
62      (i) SEQUENCE CHARACTERISTICS:
63          (A) LENGTH: 24 base pairs
64          (B) TYPE: nucleic acid
65          (C) STRANDEDNESS: single
66          (D) TOPOLOGY: linear
67      (ii) MOLECULE TYPE: peptide
68      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
70 ATCCGTAACA GCCCAGAAC AGCA
72 (2) INFORMATION FOR SEQ ID NO: 5:
73      (i) SEQUENCE CHARACTERISTICS:
74          (A) LENGTH: 23 base pairs
75          (B) TYPE: nucleic acid
76          (C) STRANDEDNESS: single
77          (D) TOPOLOGY: linear
78      (ii) MOLECULE TYPE: peptide
79      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
81 CCAGGCCGCC GTGCTCTACT TTG
83 (2) INFORMATION FOR SEQ ID NO: 6:
84      (i) SEQUENCE CHARACTERISTICS:
85          (A) LENGTH: 24 base pairs
86          (B) TYPE: nucleic acid
87          (C) STRANDEDNESS: single
88          (D) TOPOLOGY: linear
89      (ii) MOLECULE TYPE: peptide
90      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
92 CATGTTGATG GCGTTGAGGG TTGT
94 (2) INFORMATION FOR SEQ ID NO: 7:
95      (i) SEQUENCE CHARACTERISTICS:
96          (A) LENGTH: 20 base pairs
97          (B) TYPE: nucleic acid
98          (C) STRANDEDNESS: single
99          (D) TOPOLOGY: linear
100     (ii) MOLECULE TYPE: peptide
101     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
103 TTCTACCCCA ATGACTTGTG
105 (2) INFORMATION FOR SEQ ID NO: 8:

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106      (i) SEQUENCE CHARACTERISTICS:
107          (A) LENGTH: 20 base pairs
108          (B) TYPE: nucleic acid
109          (C) STRANDEDNESS: single
110          (D) TOPOLOGY: linear
111      (ii) MOLECULE TYPE: peptide
112      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: 20
114 ATGTAGTAAG GCAGCCAACA
116 (2) INFORMATION FOR SEQ ID NO: 9:
117      (i) SEQUENCE CHARACTERISTICS:
118          (A) LENGTH: 20 base pairs
119          (B) TYPE: nucleic acid
120          (C) STRANDEDNESS: single
121          (D) TOPOLOGY: linear
122      (ii) MOLECULE TYPE: peptide
123      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 20
125 ACCATGGCTC TCTGCAACCA
127 (2) INFORMATION FOR SEQ ID NO: 10:
128      (i) SEQUENCE CHARACTERISTICS:
129          (A) LENGTH: 20 base pairs
130          (B) TYPE: nucleic acid
131          (C) STRANDEDNESS: single
132          (D) TOPOLOGY: linear
133      (ii) MOLECULE TYPE: peptide
134      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 20
136 TTAAGAAAGAG TCCCACAGTG
138 (2) INFORMATION FOR SEQ ID NO: 11:
139      (i) SEQUENCE CHARACTERISTICS:
140          (A) LENGTH: 20 base pairs
141          (B) TYPE: nucleic acid
142          (C) STRANDEDNESS: single
143          (D) TOPOLOGY: linear
144      (ii) MOLECULE TYPE: peptide
145      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 20
147 CCTGCTGTT TTCTTACACC
149 (2) INFORMATION FOR SEQ ID NO: 12:
150      (i) SEQUENCE CHARACTERISTICS:
151          (A) LENGTH: 21 base pairs
152          (B) TYPE: nucleic acid
153          (C) STRANDEDNESS: single
154          (D) TOPOLOGY: linear
155      (ii) MOLECULE TYPE: peptide
156      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 21
158 CACCTAACAC AATAACACCG C
160 (2) INFORMATION FOR SEQ ID NO: 13:
161      (i) SEQUENCE CHARACTERISTICS:
162          (A) LENGTH: 20 base pairs
163          (B) TYPE: nucleic acid
164          (C) STRANDEDNESS: single

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165      (D) TOPOLOGY: linear
166      (ii) MOLECULE TYPE: peptide
167      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 20
168 ATAGCAGCCA CCTTCATTCC
169 (2) INFORMATION FOR SEQ ID NO: 14:
170      (i) SEQUENCE CHARACTERISTICS:
171          (A) LENGTH: 20 base pairs
172          (B) TYPE: nucleic acid
173          (C) STRANDEDNESS: single
174          (D) TOPOLOGY: linear
175      (ii) MOLECULE TYPE: peptide
176      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14: 20
177 TTCCCCAAGT CTCTGTATCT
178 (2) INFORMATION FOR SEQ ID NO: 15:
179      (i) SEQUENCE CHARACTERISTICS:
180          (A) LENGTH: 20 base pairs
181          (B) TYPE: nucleic acid
182          (C) STRANDEDNESS: single
183          (D) TOPOLOGY: linear
184      (ii) MOLECULE TYPE: peptide
185      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15: 20
186 AAAAGCTTGG TGATGTCTGG
187 (2) INFORMATION FOR SEQ ID NO: 16:
188      (i) SEQUENCE CHARACTERISTICS:
189          (A) LENGTH: 19 base pairs
190          (B) TYPE: nucleic acid
191          (C) STRANDEDNESS: single
192          (D) TOPOLOGY: linear
193      (ii) MOLECULE TYPE: peptide
194      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16: 19
195 TTTCAACACG CAGGACAGG
196 (2) INFORMATION FOR SEQ ID NO: 17:
197      (i) SEQUENCE CHARACTERISTICS:
198          (A) LENGTH: 20 base pairs
199          (B) TYPE: nucleic acid
200          (C) STRANDEDNESS: single
201          (D) TOPOLOGY: linear
202      (ii) MOLECULE TYPE: peptide
203      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17: 20
204 ATGGTTGCTG TCTCATCAGC
205 (2) INFORMATION FOR SEQ ID NO: 18:
206      (i) SEQUENCE CHARACTERISTICS:
207          (A) LENGTH: 20 base pairs
208          (B) TYPE: nucleic acid
209          (C) STRANDEDNESS: single
210          (D) TOPOLOGY: linear
211      (ii) MOLECULE TYPE: peptide
212      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18: 20
213 CTGGAGCATT TACTGCTGGA

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226 (2) INFORMATION FOR SEQ ID NO: 19:  
227 (i) SEQUENCE CHARACTERISTICS:  
228 (A) LENGTH: 21 base pairs  
229 (B) TYPE: nucleic acid  
230 (C) STRANDEDNESS: single  
231 (D) TOPOLOGY: linear  
232 (ii) MOLECULE TYPE: peptide  
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

235 ATGAGCCGCC TGCCCGTCT G

21

237 (2) INFORMATION FOR SEQ ID NO: 20:  
238 (i) SEQUENCE CHARACTERISTICS:  
239 (A) LENGTH: 29 base pairs  
240 (B) TYPE: nucleic acid  
241 (C) STRANDEDNESS: single  
242 (D) TOPOLOGY: linear  
243 (ii) MOLECULE TYPE: peptide  
244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:

246 AAGATCGCGA GGCTCAAAGT CGTCTGTTG

29

248 (2) INFORMATION FOR SEQ ID NO: 21:  
249 (i) SEQUENCE CHARACTERISTICS:  
250 (A) LENGTH: 20 base pairs  
251 (B) TYPE: nucleic acid  
252 (C) STRANDEDNESS: single  
253 (D) TOPOLOGY: linear  
254 (ii) MOLECULE TYPE: peptide  
255 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

257 GACACAAGTG CAATATCACC

20

259 (2) INFORMATION FOR SEQ ID NO: 22:  
260 (i) SEQUENCE CHARACTERISTICS:  
261 (A) LENGTH: 20 base pairs  
262 (B) TYPE: nucleic acid  
263 (C) STRANDEDNESS: single  
264 (D) TOPOLOGY: linear  
265 (ii) MOLECULE TYPE: peptide  
266 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:

268 AAGTTTCCA ACGTACTCTG

20

270 (2) INFORMATION FOR SEQ ID NO: 23:  
271 (i) SEQUENCE CHARACTERISTICS:  
272 (A) LENGTH: 25 base pairs  
273 (B) TYPE: nucleic acid  
274 (C) STRANDEDNESS: single  
275 (D) TOPOLOGY: linear  
276 (ii) MOLECULE TYPE: peptide  
277 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:

279 GAGGATGCTT CTGCATTGGA GTTTG

25

281 (2) INFORMATION FOR SEQ ID NO: 24:  
282 (i) SEQUENCE CHARACTERISTICS:  
283 (A) LENGTH: 28 base pairs  
284 (B) TYPE: nucleic acid

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**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/09/887,145

DATE: 03/25/2002  
TIME: 16:19:58

Input Set : A:\EP.txt  
Output Set: N:\CRF3\03252002\I887145.raw

L:19 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:20 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

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